

# WEST Search History

DATE: Monday, April 28, 2003

## Set Name Query

side by side

*DB=USPT; PLUR=YES; OP=ADJ*

## Hit Count Set Name

result set

L59	L58	21	L59
L58	L47 and L57	21	L58
L57	L52 and L56	39	L57
L56	L51 and L55	39	L56
L55	L50 and L54	39	L55
L54	L49 and L53	86	L54
L53	L48 and L52	1378	L53
L52	L29 and L33	13397	L52
L51	L29 and L34	165784	L51
L50	L29 and L32	58983	L50
L49	L29 and L31	3939	L49
L48	L29 and L30	54980	L48
L47	L44 and L46	25	L47
L46	L43 and L45	47	L46
L45	L26 and L39	769	L45
L44	L26 and L36	970	L44
L43	L26 and L42	85	L43
L42	L31 and L41	439	L42
L41	L35 and L38	439	L41
L40	L27 and L28	74	L40
L39	L30 and L33	2813	L39
L38	L31 and L33	439	L38
L37	L31	23623	L37
L36	L32 and L33	3445	L36
L35	L34 and L33	12085	L35
L34	gas\$ or oxygen or ammonia or carbon dioxide or DO	1010339	L34
L33	(optical or membrane) near5 sensor	42947	L33
L32	growth or cell concentration or optical density or OD or cell density	261247	L32
L31	dissolved oxygen or DO	23623	L31
L30	pH or hydrogen ion concentration	298303	L30
L29	parameter	410763	L29
L28	monitor near5 parameter	6766	L28
L27	bioprocess\$ or ferment\$	32152	L27

L26	optimiz\$8	208632	L26
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L25	L24	1	L25
<i>DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L24	wo-200214539-\$.did.	1	L24
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L23	L21 and L22	1	L23
L22	L16 and L19	1	L22
L21	L16 and L18	1	L21
L20	L16 and L17	0	L20
L19	L5 and L15	3	L19
L18	L5 and L14	1	L18
L17	L5 and L13	1	L17
L16	L6 and L7	8	L16
L15	L9 and L12	405	L15
L14	L10 and L12	34	L14
L13	L11 and L12	221	L13
L12	(optical or membrane) near5 sensor	23759	L12
L11	growth or cell concentration or optical density or OD	112401	L11
L10	dissolved oxygen or DO	6088	L10
L9	pH or hydrogen ion concentration	232273	L9
L8	parameter	129366	L8
L7	monitor near5 parameter	3345	L7
L6	bioproces\$8 or ferment\$8	39396	L6
L5	optimiz\$8	19766	L5
L4	L3	0	L4
<i>DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L3	(bioproces\$7 near5 technique)	0	L3
L2	(bioprocessing near5 technique)	0	L2
L1	bioreactor and (bioprocessing technique)	0	L1

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 1 through 21 of 21 returned.

☐ 1. Document ID: US 6429027 B1

L58: Entry 1 of 21

File: USPT

Aug 6, 2002

US-PAT-NO: 6429027

DOCUMENT-IDENTIFIER: US 6429027 B1

TITLE: Composite arrays utilizing microspheres

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 2. Document ID: US 6416740 B1

L58: Entry 2 of 21

File: USPT

Jul 9, 2002

US-PAT-NO: 6416740

DOCUMENT-IDENTIFIER: US 6416740 B1

TITLE: Acoustically active drug delivery systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 3. Document ID: US 6402689 B1

L58: Entry 3 of 21

File: USPT

Jun 11, 2002

US-PAT-NO: 6402689

DOCUMENT-IDENTIFIER: US 6402689 B1

TITLE: Methods, systems, and associated implantable devices for dynamic monitoring of physiological and biological properties of tumors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 4. Document ID: US 6395538 B1

L58: Entry 4 of 21

File: USPT

May 28, 2002

US-PAT-NO: 6395538

DOCUMENT-IDENTIFIER: US 6395538 B1

TITLE: Method and system for providing real-time, in situ biomanufacturing process monitoring and control in response to IR spectroscopy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 5. Document ID: US 6395506 B1

L58: Entry 5 of 21

File: USPT

May 28, 2002

US-PAT-NO: 6395506

DOCUMENT-IDENTIFIER: US 6395506 B1

TITLE: Device for monitoring cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 6. Document ID: US 6340588 B1

L58: Entry 6 of 21

File: USPT

Jan 22, 2002

US-PAT-NO: 6340588

DOCUMENT-IDENTIFIER: US 6340588 B1

TITLE: Matrices with memories

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 7. Document ID: US 6330464 B1

L58: Entry 7 of 21

File: USPT

Dec 11, 2001

US-PAT-NO: 6330464

DOCUMENT-IDENTIFIER: US 6330464 B1

TITLE: Optical-based sensing devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 8. Document ID: US 6326215 B1

L58: Entry 8 of 21

File: USPT

Dec 4, 2001

US-PAT-NO: 6326215

DOCUMENT-IDENTIFIER: US 6326215 B1

TITLE: Molecular wire injection sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 9. Document ID: US 6277329 B1

L58: Entry 9 of 21

File: USPT

Aug 21, 2001

US-PAT-NO: 6277329

DOCUMENT-IDENTIFIER: US 6277329 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Dissolved hydrogen analyzer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

---

☐ 10. Document ID: US 6230501 B1

L58: Entry 10 of 21

File: USPT

May 15, 2001

US-PAT-NO: 6230501

DOCUMENT-IDENTIFIER: US 6230501 B1

TITLE: Ergonomic systems and methods providing intelligent adaptive surfaces and temperature control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

---

☐ 11. Document ID: US 6200466 B1

L58: Entry 11 of 21

File: USPT

Mar 13, 2001

US-PAT-NO: 6200466

DOCUMENT-IDENTIFIER: US 6200466 B1

TITLE: Decontamination of water by photolytic oxidation/reduction utilizing near blackbody radiation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

---

☐ 12. Document ID: US 6117335 A

L58: Entry 12 of 21

File: USPT

Sep 12, 2000

US-PAT-NO: 6117335

DOCUMENT-IDENTIFIER: US 6117335 A

TITLE: Decontamination of water by photolytic oxidation/reduction utilizing near blackbody radiation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

---

☐ 13. Document ID: US 6060327 A

L58: Entry 13 of 21

File: USPT

May 9, 2000

US-PAT-NO: 6060327

DOCUMENT-IDENTIFIER: US 6060327 A

TITLE: Molecular wire injection sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

---

☐ 14. Document ID: US 6051437 A

L58: Entry 14 of 21

File: USPT

Apr 18, 2000

US-PAT-NO: 6051437

DOCUMENT-IDENTIFIER: US 6051437 A

TITLE: Optical chemical sensor based on multilayer self-assembled thin film sensors for aquaculture process control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 15. Document ID: US 5837446 A

L58: Entry 15 of 21

File: USPT

Nov 17, 1998

US-PAT-NO: 5837446

DOCUMENT-IDENTIFIER: US 5837446 A

TITLE: Process for the manufacture of wholly microfabricated biosensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 16. Document ID: US 5624537 A

L58: Entry 16 of 21

File: USPT

Apr 29, 1997

US-PAT-NO: 5624537

DOCUMENT-IDENTIFIER: US 5624537 A

TITLE: Biosensor and interface membrane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☒ 17. Document ID: US 5614378 A

L58: Entry 17 of 21

File: USPT

Mar 25, 1997

US-PAT-NO: 5614378

DOCUMENT-IDENTIFIER: US 5614378 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Photobioreactors and closed ecological life support systems and artificial lungs containing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 18. Document ID: US 5445608 A

L58: Entry 18 of 21

File: USPT

Aug 29, 1995

US-PAT-NO: 5445608

DOCUMENT-IDENTIFIER: US 5445608 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for providing light-activated therapy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 19. Document ID: US 5116759 A

US-PAT-NO: 5116759

DOCUMENT-IDENTIFIER: US 5116759 A

TITLE: Reservoir chemical sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 20. Document ID: US 5059790 A

L58: Entry 20 of 21

File: USPT

Oct 22, 1991

US-PAT-NO: 5059790

DOCUMENT-IDENTIFIER: US 5059790 A

TITLE: Reservoir fiber optic chemical sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

☐ 21. Document ID: US 4892383 A

L58: Entry 21 of 21

File: USPT

Jan 9, 1990

US-PAT-NO: 4892383

DOCUMENT-IDENTIFIER: US 4892383 A

TITLE: Reservoir fiber optic chemical sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	-----------	-------

[Generate Collection](#)[Print](#)

Term	Documents
(47 AND 57).USPT.	21
(L47 AND L57).USPT.	21

**Display Format:** [TI](#)[Change Format](#)[Previous Page](#)[Next Page](#)